

Applic. No.: 10/612,352
Amdt. Dated April 12, 2005
Reply to Office action of January 12, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended). A device for cutting side edges of sheet-form material for binding, comprising:

a tool body;

at least one cutting element fixed to the tool body, the at least one cutting element defining at least one cutting edge for cutting a leveled back and at least one notching segment for adding notches into the previously leveled back.

Claim 2 (original). The device of claim 1, wherein the notching segment is ground out of the cutting element.

Claim 3 (original). The device of claim 1, wherein the cutting edge is soldered to the tool body.

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Claim 4 (original). The device of claim 1, comprising a plurality of the at least one cutting edges arranged along a circumference of the tool body and fixed thereto.

Claim 5 (original). The device of claim 1, comprising a cleaning brush integrated into the tool body.

Claim 6 (original). The device of claim 1, further comprising at least one additional notching element on a side of the cutting element opposite the at least one notching element.

Claim 7 (currently amended). A method of cutting side edges of sheet-form material for binding, comprising:

rotating a tool about an axis of rotation at an angle to a cutting plane, the tool having at least one cutting edge and at least one notching segment inside the cutting edge and projecting over the cutting plane; and[[,]]

cutting the sheet-form material with the at least one cutting edge along the cutting plane for cutting a leveled back and
notching the sheet-form material with the notching segment for adding notches into the previously leveled back.

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Claim 8 (original). The method of claim 7, wherein the notching segment extends a distance into the sheet-form material, and further comprising changing the distance by changing the angle.

Claim 9 (original). The method of claim 7, wherein the at least one notching segment notches the sheet-form material twice each pass, and the at least one cutting edge cuts the sheet-form material once each pass.

Claim 10 (original). The method of claim 7, comprising a plurality of cutting edges arranged along a circumference of the tool, and a plurality of notching segments inside the cutting edges.

Claim 11 (original). The method of claim 7, further comprising creating a vacuum by the rotation of the tool.

Claim 12 (currently amended). A method of making a device for cutting side edges of sheet-form material for binding, comprising:

-----forming, into at least one cutting element, a cutting edge for
cutting a leveled back and a notching element for adding

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~~notches into the previously leveled back into at least one
cutting element; and[[,]]~~

fixing the at least one cutting element to a tool body.

Claim 13 (currently amended). The method of claim 12,
comprising:

forming the cutting edge and the notching element into the
at least one cutting element; and[[,]]

subsequently fixing the at least one cutting element to the
tool body.

Claim 14 (currently amended). The method of claim 12,
comprising:

fixing the at least one cutting element to the too] body;
and[[,]]

subsequently forming the cutting edge and the notching
element into the at least one cutting element.

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Claim 15 (currently amended). The method of claim 12,
comprising a plurality of the at least one cutting
elements;

wherein the fixing comprises soldering the plurality of
the at least one cutting elements onto the tool body;
and[[,]]

subsequently grinding the cutting edge and notching segment of
each of the at least one cutting elements.

Claim 16 (original). The method of claim 12, comprising
reforming the cutting edge and notching segment upon wear.

Claim 17 (original). The method of claim 16, wherein the
reforming comprises grinding with a cutting level of the
cutting element being ground off.